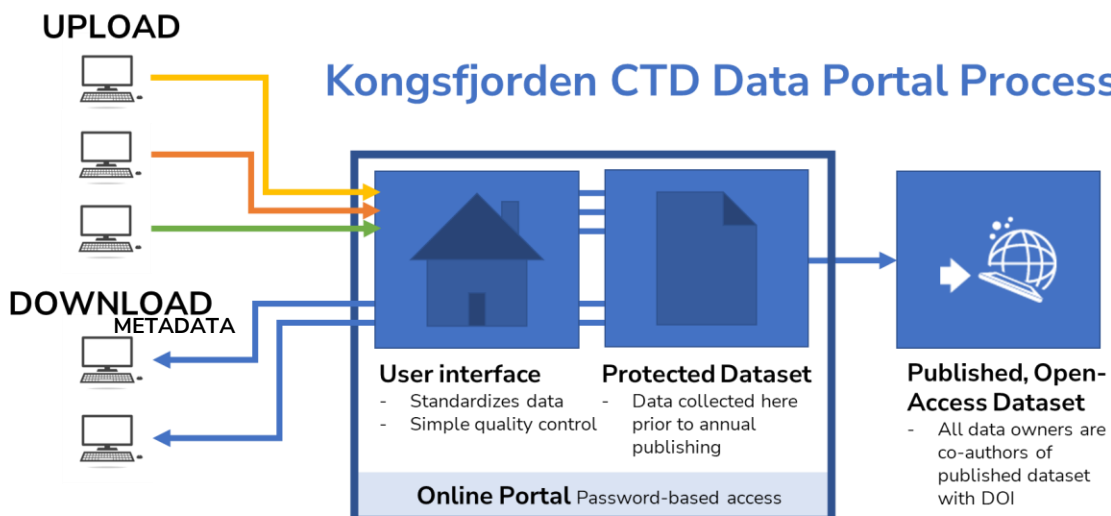# Kongsfjorden CTD Data Portal

CTD (seawater temperature, salinity, depth) data are important environmental data. Collectively, observations by all Ny-Ålesund researchers through the years amount to a very important record of a quickly changing Arctic marine ecosystem, and need to be stored accordingly. The Kongsfjorden CTD portal allows for CTD data to be archived in a Flagship-created dataset upon collection. **A plotting function allows quick looks** on all data in the portal, direct download is available for metadata only. **Annually**, these data will be published as a **shared-authorship dataset to an open-access data repository**. Individual researchers who wish to do so, can delay the publishing of their own to this open-access dataset by two years (called an "embargo") or publish the data elsewhere and attach that DOI to their data in this dataset.

Kings Bay and the **Kongsfjorden Flagship** are working together to ensure responsible archiving of CTD data from this fjord system and facilitating its use by the scientific community by open-access publishing, in line with the Ny-Ålesund Research Strategy's goal of open-access data. Beyond this, benefits for researchers include:

1) learning who has CTD data that might benefit your research,

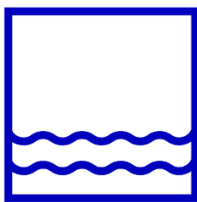2) advertising your CTD data for others, and being invited for collaborations

All CTD data collected in Kongsfjorden should now be submitted to the Kongsfjorden CTD portal

For Kings Bay CTD users, the Marine Lab Manager will submit the data to the portal, but you (the researcher) are asked to choose if and when you share your data when you arrive in Ny-Ålesund via this form: **(encouraged options in bold)**

Researcher name (PI): Institution:
For which CTDs does this apply (time period)?
When can your data be published in the open-access dataset (Pangaea.de), with you as a co-author? ☐ **Next annual publishing (January)** ☐ After two-year embargo period ☐ Never

Created by:

Kongsfjorden System Flagship

FACE-IT
Arctic Biodiversity & Livelihoods

For access to the portal, or other questions about data archiving, contact:

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